

CLAIMS

1. A length of tape having a first longitudinal end, a second longitudinal end, a first side edge, and
5 a second side edge and comprising:

a backing layer having a first side and a second side;

an adhesive layer on the first side of the backing layer, wherein the tape is formable into a roll having
10 a plurality of wraps; and

a plurality of lines of perforations extending across at least most of the width of the tape between the first and second side edges to separate the tape into sheets, wherein the sheets have progressively
15 increasing lengths from the first longitudinal end of the tape to the second longitudinal end of the tape such that, when the sheets are wound into a roll, each sheet is longer than the sheet underneath it by an overlap length.

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2. The tape of claim 1 wherein the tape is wrapped into a roll with the outermost sheet having a free, leading edge and a trailing end defined by a line of perforations, wherein the outermost sheet covers all
25 of the lines of perforations.

3. The tape of claim 1 wherein the line of perforations that defines the trailing end of the outermost sheet prevents the outermost sheet from
30 adhering tightly to itself to reduce instances of the tape tearing in a downweb direction nonparallel to the line of perforations.

4. The tape of claim 3 wherein at least some of the perforations comprise folded over material with adhesive facing down, away from the outer sheets to create a slightly higher detackified area.

5. The tape of claim 1 wherein each sheet, compared to the adjacent sheet closer to the first longitudinal end, is longer by an amount equal to π times twice the thickness of the tape plus a selected overlap length.

6. The tape of claim 5 wherein the overlap length is no more than 0.635 cm (0.250 in).

7. The tape of claim 1 wherein the plurality of lines of perforations extend across the entire width of the tape from the first side edge to the second side edge.

8. The tape of claim 1 wherein the backing layer comprises at least one of paper and plastic.

~~9. The tape of claim 1 which is a lint removal tape.~~

10. A roll of tape wherein the tape has a first longitudinal end, a second longitudinal end, a first side edge, and a second side edge, the roll of tape comprising:

a backing layer having a first side and a second side;

an adhesive layer on the first side of the backing layer, wherein the tape is formed into a roll having a plurality of wraps; and

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a plurality of lines of perforations extending across at least most of the width of the tape between the first and second side edges to separate the tape into sheets such that starting from the inside of the roll, each line of perforations can be said to advance with each additional wrap of tape to create sheets having progressively increasing lengths from the first longitudinal end of the tape to the second longitudinal end of the tape, wherein when the sheets are wound into a roll, each sheet is longer than the sheet underneath it by an overlap length.

11. A length of substrate having a first longitudinal end, a second longitudinal end, a first side edge, and a second side edge, wherein the substrate is formable into a roll having a plurality of wraps and comprising a plurality of lines of perforations extending across at least most of the width of the substrate between the first and second side edges to separate the substrate into sheets, wherein the sheets have progressively increasing lengths from the first longitudinal end of the substrate to the second longitudinal end of the substrate such that, when the sheets are wound into a roll, each sheet is longer than the sheet underneath it by an overlap length.